



# Sustainability

What does living sustainably look like and why is it necessary?

## Learning Outcomes

At the end of the session, students will be able to:

- ✓ Give examples of how the unsustainable practices of humans are impacting ecosystems
- ✓ List some of the strategies Auckland Zoo has in place in our quest to be a sustainable organisation
- ✓ Discuss ideas for personal actions students can take to live sustainably

## Session Outline:

Working with a Zoo Educator students will explore sustainability issues and how they are impacting specific animals and their natural habitats. They will then have an opportunity for an interactive look at a couple of our sustainability strategies here at the Zoo, modelled by the Zoo Educator. Examples of other sustainability projects the Zoo is affiliated with will further illustrate what living sustainably could look like. Finally, students will be encouraged to take informed action – applying what they have learned to make ethical decisions and act on them in their own backyard whether at home or at school.

As many of these sustainability issues are complex it is suggested that teachers choose a particular focus for the education session in consultation with the Zoo educator such as climate change or pollution or exploitation.

**Key Competencies:** Thinking; Managing Self; Participating and Contributing; Relating to Others

**Auckland Zoo Conservation Actions:** Live sustainably; Protect what's precious; Choose wisely; Get involved



Live sustainably



Protect what's precious



Choose wisely



Get involved

## CURRICULUM LINKS

Year 9 & 10	Year 11	Year 12	Year 13	International Baccalaureate Diploma Biology
<p><b>Social Studies</b> Understand how people's management of resources impacts on social and environmental sustainability</p>	<p><b>Geography</b> Understand how people interact with natural and cultural environments and that this interaction has consequences <b>91009 (1.3)</b> – Demonstrate geographic understanding of sustainable use of an environment</p>	<p><b>Social Studies</b> Understand how communities and nations meet their responsibilities and exercise their rights in local, national and global contexts</p>	<p><b>Social Studies</b> Understand how ideologies shape society and that individuals and groups respond differently to these beliefs</p>	<p><b>Option C – Ecology and Conservation</b></p> <ul style="list-style-type: none"> <li>• Human activities impact on ecosystem function</li> <li>• Macroplastic and microplastic debris has accumulated in marine environments</li> </ul>
<p><b>Science – Living World</b> <i>Ecology</i>: investigate the interdependence of living things (including humans) in an ecosystem <i>Nature of Science</i>: communicating in science, participating and contributing</p>	<p><b>Media Studies</b> Explore media concepts, media conventions and technology to create media <b>Media Studies 90996 (1.8)</b> – write media texts for a specific target audience</p>	<p><b>Media Studies</b> Apply knowledge of media conventions and technology to create media <b>Media Studies 91255 (2.8)</b> – write developed media text for a specific target audience</p>	<p><b>Media Studies</b> Apply understanding of media conventions and technology to craft media <b>Media Studies 91497 (3.8)</b> – write a media text to meet the requirements of a brief</p>	
<p><b>EfS concepts</b> Responsibility for action; sustainability; interdependence; biodiversity; equity</p>	<p><b>EfS concepts</b> Responsibility for action; sustainability; interdependence; biodiversity; equity</p>	<p><b>EfS</b> Investigate the aspects of sustainability in different contexts <b>EfS 91733 (2.4)</b> – demonstrate understanding of initiatives that contribute to a sustainable future <b>EfS 90814 (2.6)</b> – develop understanding of aspects of sustainability in different contexts</p>	<p><b>EfS</b> Analyse the impact of strategies and initiatives for a sustainable future <b>90832 (3.5)</b> – develop a strategy for an organisation that will contribute to a sustainable future</p>	
	<p><b>Health &amp; PE</b> <i>Healthy Communities &amp; Environments (D4)</i> – investigate the roles and the effectiveness of local, national and international organisations that promote well-being and environmental care</p>	<p><b>Health &amp; PE</b> <i>Healthy Communities &amp; Environments (D4)</i> – analyse ways in which the environment and the well-being of a community are affected by population pressure and technological processes</p>	<p><b>Health &amp; PE</b> <i>Healthy Communities &amp; Environments (D4)</i> – critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health</p>	

